

LGXtra™

4U RACK MOUNT PATCH PANEL - 14 STRIP

PDS-0001



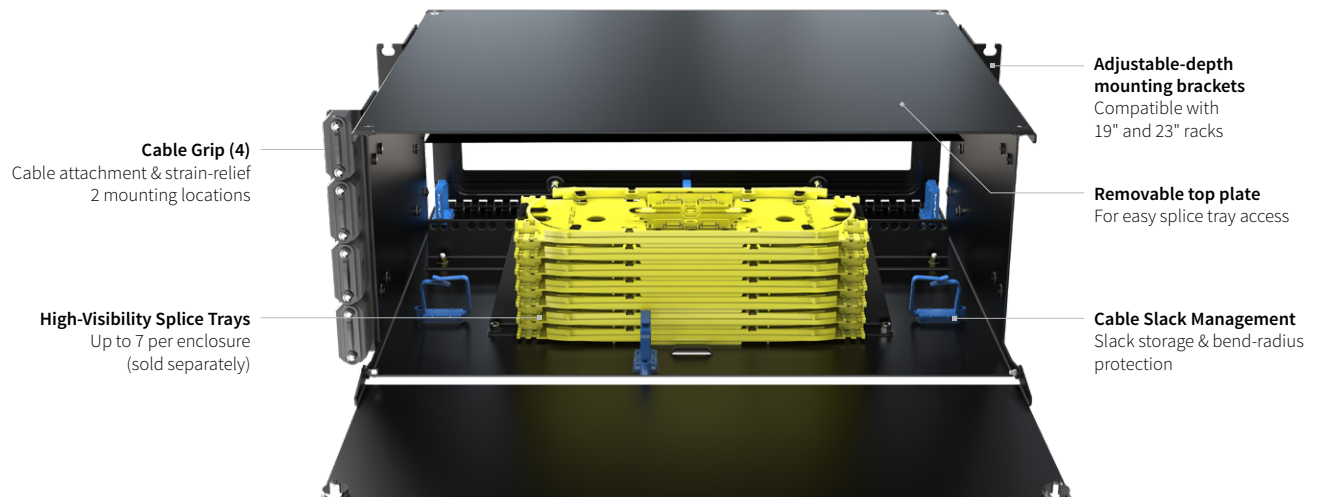
DESCRIPTION

Wirewerks' **LGXtra 4U Patch Panel** is an advanced, LGX profile chassis capable of holding up to 14 LGX-style adapter strips or cassettes. The panel is equipped with a removable back cover, magnetic cable management, and extended front cable entrance, which allows for easy front access, inside-panel manipulation, and splices. Adapter strips up to 336 fibers, or cassettes can be installed into the 14 LGX cut-outs using their push pin mechanism.

**FEATURES
and BENEFITS**

- Fits 14 LGX-Style Adapter Strips or cassettes for a total of 336F capacity
- Fits 7 NextSTEP 24F Splice Trays (P/N: NS-SPL24, not included)
- Adjustable-depth mounting brackets compatible with 19" and 23" racks
- Full-height side cable entries and Wirewerks CableBundle™ cable management accessories simplify fiber routing and management
- QR Code directs technicians to always-up-to-date installation and maintenance best practices
- Front door features a unique double-hinged label plate to keep fiber assignment labels visible in both door-open and door-closed positions
- Precision engineered and manufactured from 16 gauge cold-rolled steel with a durable matte black finish
- Ships with a complete Installation Kit including hardware, safety stickers and fiber assignment labels

Wirewerks' **LGXtra™ Fiber Management System** is a complete portfolio of LGX-style rack and wall-mount patch panels, modules, adapter strips and accessories. All Wirewerks LGXtra products comply with LGX-style form factor and functionality specifications, allowing complete interoperability between LGXtra and generic LGX-style modules, strips and enclosures.



Wirewerks' LGXtra products bring powerful new features and capabilities to generic LGX-style equivalents, allowing users to selectively update, modernize and expand their existing LGX-style infrastructure in an easy-to-implement, cost-effective manner.

APPLICATIONS

Vertical Markets	Installation Environments
Data Centers	Entrance facility
Enterprise LANs	Telecommunications room
MSO/Carrier Networks	Equipment room
	Consolidation point
	Central office
	Cellular tower base station

ORDERING INFORMATION

Part Number	Description
PP-W4U1	LGXtra 4U Patch Panel - 14 Strip

INCLUDED

Part Number	Description
PP-W4U1	<ul style="list-style-type: none"> • 8 x machine screw 10-32, 1/2" long, Philips head • 10 x NextSTEP CableBundle Magnetic Cable Managers • 8 x machine screw 12-24, 1/2" long, Philips head • 2 x danger/caution safety magnet • 1 x QR Code referring to instructions • 1 x Label sheets • 4x CableGRIP strain relief units with mounting hardware

PACKAGING and SHIPPING

Description	Dimensions	Shipping Weight
Cardboard Box	20.9" x 18.7" x 8.93" (530mm x 475mm x 227mm)	9.48 kg / 20.9 lb

PHYSICAL SPECIFICATIONS

Parameter	Value
Product Dimensions	19.0" x 15.0" x 7.0" (482mm x 381mm x 178mm)
Product Weight	8.35 kg / 18.4 lb
Panel Material	16 Gauge cold rolled steel (CRS)
Plastic Materials	UL 94V-0 thermoplastic
Panel Finish	Black Dull
Fiber Count Capacity	336F LC / 168F SC

MECHANICAL SPECIFICATIONS

Parameter	Value
Installation Temperature	-25° C (-13° F) ~ 40° C (104° F)
Storage Temperature	-25° C (-13° F) ~ 55° C (131° F)
Relative Humidity	≤ 85% (30° C)

STANDARDS COMPLIANCE

ANSI/TIA-942-B
Telecommunications Infrastructure Standard for Data Centers

ANSI/TIA-568.3-D
Optical Fiber Cabling Components Standard

TIA-569-G
Commercial Building Standard for Telecommunications Pathways and Spaces

EIA/ECA-310-E
Cabinets, Racks, Panels and Associated Equipment standard

ANSI/TIA/EIA-606-C
Administration Standard for Telecommunications Infrastructure

GR-449-CORE
Generic Requirements and Design Consideration for Fiber Distributing Frames

UL 94
Tests for Flammability of Plastic Material for Parts in Devices

RoHS
Directive on Restriction of Hazardous Substances